Index of Claims

| Application/Control | No. |
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10/749,010

Examiner

Stephen D'Adamo

Applicant(s)/Patent under Reexamination

MACHAEL ET AL.

Art Unit

3636

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** Α

Objected

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| Cla      | aim      | n Date    |  |              |          |  |          |                |                    |              |    | Claim Date   |          |          |          |            |               |  | Γ            | Cla          | aim             |          |     |             | _          |                 |          |                |          |
|----------|----------|-----------|--|--------------|----------|--|----------|----------------|--------------------|--------------|----|--------------|----------|----------|----------|------------|---------------|--|--------------|--------------|-----------------|----------|-----|-------------|------------|-----------------|----------|----------------|----------|
| Final    | Original | 7/19/05   |  |              |          |  |          |                |                    |              |    | Final        | Original |          |          |            |               |  |              |              |                 |          |     | Final       | Original   |                 |          |                |          |
| 1        | 1        | =         |  | $\vdash$     |          |  |          |                |                    |              |    |              | 51       |          |          |            |               |  |              |              |                 | Ⅎ        | t   |             | 101        |                 |          |                | _        |
|          | 2        | -         |  |              |          |  |          |                |                    |              |    |              | 52       |          |          |            |               |  |              | j            |                 |          |     |             | 102        |                 |          |                |          |
| 11       | 3        | =         |  |              |          |  |          |                |                    |              |    |              | 53       |          |          |            |               |  |              |              |                 |          |     |             | 103        |                 |          |                |          |
| 12       | 4        | =         |  |              |          |  |          |                |                    |              |    |              | 54       |          |          |            |               |  |              |              |                 |          | L   |             | 104        |                 |          | $\Box$         |          |
| 8        | 5        | =         |  |              |          |  |          |                |                    |              |    |              | 55       |          |          |            |               |  |              | _            |                 |          | L   |             | 105        |                 | $\Box$   | _              | _        |
| 9        | 6        | =         |  |              |          |  |          |                |                    |              |    |              | 56       |          |          |            |               |  |              |              |                 | _        | L   |             | 106        | _               | _        | $ \bot $       | _        |
| 10       | 7        | =         |  |              |          |  |          |                |                    |              |    |              | 57       | Щ        |          |            |               |  | Ш            | _            | _               | _        | Ļ   |             | 107        |                 | _        | _              |          |
| 2        | 8        | =         |  |              | L        |  | L        |                | L                  |              |    |              | 58       | Ш        |          |            |               |  |              |              | $\rightarrow$   |          | Ļ   |             | 108        |                 | _        | _              | _        |
| 3        | 9        | =         |  | <u> </u>     |          |  | L.       |                | L                  |              |    |              | 59       | Щ        |          |            | _             |  | Ш            | _            | $\dashv$        | _        | -   |             | 109        |                 | _        | _              |          |
| 4        | 10       | =         | _  |              |          | _  | L        |                | $\perp$            |              |    |              | 60       |          |          |            |               |  | Щ            | _            | $\dashv$        | _        | ŀ   |             | 110        | $\rightarrow$   | _        | _              | _        |
| 5        | 11       | =         | L  |              | _        |  | <u> </u> |                | L                  |              |    |              | 61       | Ш        |          |            |               |  | Н            |              |                 | _        | ŀ   |             | 111        | $\rightarrow$   |          | $\dashv$       |          |
| 6        | 12       | =         | L.   | _            | L        | ┕  | L        | _              | _                  |              |    |              | 62       | Н        | Н        | _          | _             | _  | Ш            |              | -               | 4        | ŀ   |             | 112        | $\vdash$        | -        | $\dashv$       | _        |
| 7        | 13       | =         |  | _            | L        | L  | L        | _              | _                  |              |    |              | 63       | Н        |          |            |               | _  | Н            | Ц            | -               | -        | ļ   |             | 113        | $\dashv$        | _        | -              | _        |
| 13       | 14       | =         | Ŀ  | _            | ┕        | _  | _        | _              | _                  |              |    |              | 64       | Н        |          |            | _             |  | Н            |              | $\dashv$        |          | -   |             | 114        | $\vdash$        | -        |                | _        |
| 14       | 15       | <u> =</u> | <u> </u>   |              | ╙        | <u> </u>   | _        | <u> </u>       | _                  |              |    |              | 65       | Н        |          |            | _             | _  | Н            | -            | -               |          | }   |             | 115        | $\dashv$        |          |                | _        |
| 15       | 16       | =         |  | _            | <u> </u> |  | _        | _              | <u> </u>           | <u> </u>     |    | <u> </u>     | 66       | Н        |          |            |               | _  | H            | $\vdash$     |                 | 긕        | -   |             | 116        | -               | $\dashv$ | $\dashv$       | _        |
| 16       | 17       | =         | ├-   | _            | $\vdash$ | -  | ⊢        | <u> </u>       | ┡                  | <u> </u>     | 1  |              | 67       | Н        | Н        |            | _             | $\vdash$   | Н            | Н            |                 | $\dashv$ | ŀ   |             | 117<br>118 | $\vdash$        | -        | $\dashv$       | _        |
| 17       | 18       | =         | -  |              | ⊢        | -  | ⊢        |                | ⊢                  | <u> </u>     | ٠. | <u> </u>     | 68       | $\vdash$ |          | $\vdash$   |               | $\vdash$   |              | $\vdash$     |                 |          | ŀ   |             |            | -               |          | $\dashv$       |          |
| 18       | 19       | =         | ├  | _            | ⊢        | -  | <u> </u> | -              | -                  | <u> </u>     | l  | <b></b> -    | 69<br>70 | $\vdash$ | Н        | $\vdash$   |               | $\vdash$   | -            | -            | -               | $\dashv$ | - } |             | 119<br>120 | -               |          | $\dashv$       |          |
| 19       | 20       | =         | ┝  | -            | ⊢        | ├-   | ⊢        | -              | <del> </del>       | <u> </u>     |    | ļ            | 71       | Н        | -        |            |               | -  | $\vdash$     | $\vdash$     |                 | $\dashv$ | -   |             | 121        | $\vdash$        | _        | $\dashv$       | _        |
| 20       | 21       | =         | ├  | -            | ├        | ├  | ├        | -              | ╌                  | <u> </u>     | ł  | <del> </del> | 72       | Н        | Н        |            |               | -  | $\vdash$     | Н            | -               | $\dashv$ | ·   |             | 122        | $\vdash$        | -        | $\dashv$       |          |
| 21       | 22       | =         | ├  | ⊢            | ╁╌       | -  | ⊢        | -              | ⊢                  | ⊢            | 1  |              | 73       |          | H        |            | _             | ┝  | $\vdash$     |              | -               |          | ŀ   |             | 123        | $\vdash$        |          | $\dashv$       | _        |
| 22       | 23       | =         | ┢  | $\vdash$     | ╫        | -  | ├        | $\vdash$       | ╌                  | -            | 1  | <del> </del> | 74       | $\vdash$ |          | -          |               | ┝  | ┝            | $\vdash$     | $\vdash$        | $\dashv$ | ŀ   | <del></del> | 124        | H               |          | -              | _        |
| 24       | 25       | =         | ┢╾   | $\vdash$     | ╁        | ┢  | ⊢        | -              | -                  | ┢            | l  | ├            | 75       | Н        | -        |            | -             | ┝  | $\vdash$     | -            | $\dashv$        | -        | ŀ   |             | 125        |                 | $\neg$   |                |          |
| 25       | 26       | =         | ┢  | -            | ┝        | ┢  | ┢        | -              | -                  | ⊢            | 1  | ├            | 76       | Н        | -        | -          |               | $\vdash$   |              | Н            | -               | -        | ŀ   |             | 126        | $\vdash$        | _        | $\dashv$       |          |
| 26       | 27       | =         | ╁╴   | $\vdash$     | ╁╴       |  | -        |                | ┢                  |              | ł  |              | 77       |          | $\vdash$ |            |               | $\vdash$   |              |              | H               | $\neg$   | ŀ   |             | 127        | Н               |          | $\Box$         |          |
| 27       | 28       | =         | H  | -            | ├.       | -  | 1        | $\vdash$       | $\vdash$           | $\vdash$     | 1  | <b></b>      | 78       | Н        |          |            |               | -  | Н            |              | $\dashv$        | $\neg$   | ı   |             | 128        | Н               | $\neg$   | $\Box$         | ·        |
| 30       | 29       | =         | H  | -            |          | <del>                                     </del> | $\vdash$ | -              | $\vdash$           | -            |    |              | 79       |          | $\vdash$ |            |               | $\vdash$   | 1            | Т            | $\Box$          | $\neg$   | ı   |             | 129        | П               |          |                | Г        |
| 31       | 30       | Ξ         | 1  |              | $\vdash$ | $\vdash$   | $\vdash$ | ┢              | $\vdash$           | -            |    | _            | 80       | П        | $\vdash$ |            | $\overline{}$ | <del>                                     </del> | Т            | $\vdash$     | $\vdash$        | ╗        | ı   |             | 130        | П               |          | $\Box$         | Γ        |
| 28       | 31       | =         | <del>                                     </del> | $\vdash$     | $\vdash$ | T  | ┢        | $\vdash$       |                    |              |    |              | 81       |          |          |            | _             |  |              |              |                 |          | Ī   |             | 131        | П               |          |                | Г        |
| 29       | 32       | =         | $\vdash$   |              | T        | $\vdash$   |          | Г              | $\vdash$           |              | 1  |              | 82       |          |          |            |               |  | Г            |              | П               |          | - [ |             | 132        |                 |          |                | Г        |
|          | 33       | 1         | Т  |              | T        |  |          |                | Г                  |              |    |              | 83       |          |          |            |               |  |              |              |                 |          |     |             | 133        | $\Box$          |          |                | Г        |
|          | 34       |           |  | Т            |          |  | $\Box$   | $\Box$         | Π                  | Г            | 1  |              | 84       | П        |          |            |               |  |              |              |                 |          | Ī   |             | 134        |                 |          |                |          |
|          | 35       | Г         | Г  | Г            | T        |  |          | Г              | Г                  |              | 1  |              | 85       |          |          |            |               |  |              |              |                 |          | Ī   |             | 135        |                 |          |                |          |
|          | 36       |           | Г  |              | 1        |  |          |                |                    |              | ]  |              | 86       |          |          |            |               |  |              |              |                 |          |     |             | 136        |                 |          |                |          |
|          | 37       |           |  |              |          |  |          |                | L                  |              | ]  |              | 87       |          |          |            |               |  |              |              |                 | $\Box$   |     |             | 137        |                 |          |                |          |
|          | 38       |           |  |              |          |  |          |                |                    |              | l  |              | 88       |          |          |            |               |  |              |              |                 |          | [   |             | 138        | Ш               |          | Ш              | L        |
|          | 39       |           |  |              |          |  |          |                |                    |              | 1  |              | 89       |          |          |            |               |  |              |              |                 |          |     |             | 139        | Ш               |          | Ш              | _        |
|          | 40       |           |  |              | 匚        | $\Box$   | L        | Ē              | L                  |              | 1  |              | 90       | $\Box$   | oxdot    |            | L             | L  | oxdot        | $oxed{oxed}$ | Ш               |          |     |             | 140        | Ш               |          | Ш              | L        |
|          | 41       | L         | 匚  |              |          | 1  | L        | _              | $oxedsymbol{oxed}$ | $\vdash$     |    |              | 91       | Ш        | <u> </u> | L_         | <u>L</u>      | <u></u>  | <u>_</u>     | $\sqcup$     | Щ               | _        | L   |             | 141        | Ш               |          | Ш              | L        |
|          | 42       | $\perp$   | 上  | <u> </u>     | _        | _  | <u> </u> | _              | L                  | <u>_</u>     | 1  |              | 92       |          |          | L.,        |               | _  | lacksquare   | _            | $\sqcup$        | _        | ļ   |             | 142        | $\sqcup$        | _        | Ш              | L        |
| <u></u>  | 43       | <u> </u>  | $\vdash$   | L            | ــــــ   | 1_   | <u> </u> | <u> </u>       | <u></u>            | <u> </u>     | 1  |              | 93       |          | <u> </u> |            | <u> </u>      | <u> </u>   | ┞            | <u> </u>     | $\sqcup$        | _        | ļ   | _           | 143        | $\sqcup$        |          | Щ              | <u> </u> |
|          | 44       |           | ╙  | <u> </u>     | <b> </b> | ↓_   | <b>L</b> | <del> </del> _ | $\vdash$           | _            | 1  | <u> </u>     | 94       | <u> </u> | $\vdash$ | <u> </u>   | <u> </u>      | <u> </u>   | <b>├</b> —   | $\vdash$     | Н               | _        | ŀ   |             | 144        |                 |          | Ш              | <u> </u> |
| <u></u>  | 45       | ↓_        | ┡  | <u> </u>     | ↓_       | ↓  | <u> </u> | Ь—             | <b>├</b>           | <u> </u>     | 1  |              | 95       | _        | L        | <u> </u>   | <u> </u>      | <u> </u>   | ⊢            | $\vdash$     | $\vdash \vdash$ | _        | ļ   |             | 145        | $\vdash$        |          |                | <u> </u> |
| <u></u>  | 46       | <u> </u>  | 1  |              | <b>├</b> | ــــ   | ـــ      | ╙              | <u> </u>           | <u> </u>     | l  | <u> </u>     | 96       |          |          | <u> </u>   | <u> </u>      | <b> </b> —                                       | ⊢            | <b> </b>     | -               | _        | -   |             | 146        | $\vdash$        |          | $\vdash$       | ⊢        |
| <u></u>  | 47       | ┞-        | <u> </u>   | <u> </u>     | ┞-       | ↓_   | <b>├</b> | ⊢              | ऻ_                 | <u> </u>     | ł  | <u> </u>     | 97       |          | <u> </u> | <u> </u>   | <u> </u>      | ⊢  | -            | _            | $\vdash$        |          | ļ   |             | 147        | $\vdash$        |          | $\vdash\vdash$ | $\vdash$ |
| <u> </u> | 48       |           | ⊢  | ⊢            | -        | ـ  |          | ⊢              | <del> </del>       |              | ł  | Ŀ            | 98       |          | _        | <u> — </u> | ├-            | <del> </del>                                     | <del> </del> | $\vdash$     | $\vdash$        | $\dashv$ | - } |             | 148        | $\vdash \vdash$ |          | $\vdash\vdash$ | ⊢        |
| -        | 49       | ⊢         | <del> </del>                                     | <del> </del> | -        | ╀-   | -        | <b>⊢</b>       | 1                  | <del> </del> | 1  | ⊢            | 99       | -        | 1—       | ├          | ├             | ├-   | -            |              | $\vdash$        | _        | - } |             | 149        |                 | _        | H              | -        |
|          | 50       | 11        | 1  | l .          | 1_       | 1_   | i        | i              | 1                  | l            | 1  | i            | 100      | 1        | ١        | I          | l             | I _  | 1            |              | L               |          | - 1 |             | 150        |                 |          | 1              | <u> </u> |